

<b>Application Number</b> 	Application/Cntr IN : 09/932,447	Applicant(s)/Patent under R examination HOGAN, WILLIAM D.
<b>Document Code - DISQ</b>		<b>Internal Document – DO NOT MAIL</b>

<b>TERMINAL DISCLAIMER</b>	<input checked="" type="checkbox"/> APPROVED	<input type="checkbox"/> DISAPPROVED
Date Filed : March 15, 2006	<b>This patent is subject to a Terminal Disclaimer</b>	

**Approved/Disapproved by:**

Henry D. Jefferson

**T.D. INFORMAL MEMO: DO NOT MAIL THIS MEMO TO APPLICANT**

Date:	25-Jul-06	APPL. S. N:	09932447
To Examiner:	CONTEE, JOY	Art Unit	2617
From	Jefferson, Henry PARALEGAL SPCECIALIST	Return This Memo To: Case Drop-Off Location	JEF-2D68

**SUBJECT:** Decision on Terminal Disclaimer(T.D.) filed:

INSTRUCTIONS: I have reviewed the submitted T.D. with the results as set forth below. If you agree, please use the appropriate form paragraphs identified by this informal memo in your next Office action to notify applicant of the T.D. If you disagree or have any questions, please see me or the Special Program Examiner. THIS IS AN INFORMAL, INTERNAL MEMO ONLY. IT MUST NOT BE (1) MAILED TO APPLICANT OR (2) PLACED OF RECORD IN THE APPLICATION FILE. When your action is complete,

please initial, date and return this memo to me. THANK YOU.

The T.D. is PROPER and has been recorded (see 14.23).

The T.D. is NOT PROPER and has not been accepted for the reason(s) checked below (see 14.24):

- The TD fee of [REDACTED] has not been submitted nor is there any authorization in the application file for the use of a deposit account
- The T.D. does not satisfy Rule 321 in that the person who has signed the T.D. has not stated the extent of his/her interest (and/or the extent of the interest of the business entity represented by the signature) in the application/patent (see 14.26 & 14.26.01).
- The T.D. lacks the enforceable only during common ownership clause – needed to overcome a non-statutory double patenting rejection, Rule 321(b) (see 14.27.01).
- The T.D. is directed to a particular claim(s), which is not acceptable since “the disclaimer must be for a terminal portion of the term of the entire patent to be granted” (MPEP 1490) (see 14.26 & 14.26.02).
- The person who signed the T.D.:
  - is not an attorney “of record” (see 14.29 and 14.29.01).
  - has failed to state his/her capacity to sign for the business entity (see 14.28).
  - is not recognized as an officer of the assignee (see 14.29 & possible 14.29.02).
- No documentary evidence of a chain of title from the original inventor(s) to assignee has been submitted, nor is the reel and frame number specified as to where such evidence is recorded in the Office (see 37 CFR 3.73(b) and 1140 O.G. 72). NOTE: This documentary evidence or the specifying of the reel and frame number may be found in the T.D. or in a separate paper of record in the application (see 14.30).
- The T.D. is not signed (see 14.26 & 14.26.03).
- The serial number of the application (or the number of the patent) which forms the basis for the double patenting rejection is missing or incorrect (see 14.32).
- The serial number of this application (or the number of the patent in reexam or reissue cases being disclaimed is missing or incorrect (see 14.26, 14.27.02 or 14.26.05).
- The period disclaimed is incorrect or not specified (see 14.26, 14.27.02 or 14.26.03).
- Other: [REDACTED]
- Suggestion to request refund (see 14.36). NOTE: If already authorized, credit refund to deposit account and do not check this item.

I have appropriately notified applicant(s) of the status of the Terminal Disclaimer filed in this case.

Ex.Initials: \_\_\_\_\_ Date: \_\_\_\_\_

Log Date:



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

HOGAN

Atty. Ref.: 2380-464

Serial No. 09/932,447

TC/A.U.: 2686

Filed: August 20, 2001

Examiner: Contee, J.K.

For: TRANSMISSION OF FILTERING/FILTERED INFORMATION OVER  
THE IUR INTERFACE

\* \* \* \* \*

March 15, 2006

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**TERMINAL DISCLAIMER**

Your petitioner, Telefonaktiebolaget LM Ericsson (publ), a corporation having an office and place of business/residing at S-126 25, Stockholm, Sweden represents that it/he is the assignee as recorded in an assignment at Reel 012212/Frame 0991-0993, of all right, title and interest in and to Application Serial No. 09/932,447, filed August 20, 2001, for TRANSMISSION OF FILTERING/FILTERED INFORMATION OVER THE IUR INTERFACE.

Your petitioner hereby disclaims the terminal part of any patent granted on the above-identified application, which would extend beyond the expiration date of the full statutory term as presently shortened by any terminal disclaimer of any patent issuing from Application Serial No. 10/068,012 and hereby agrees that any patent so granted on the above-identified application shall be enforceable only for and during such period that

1052496

the legal title to such patent granted on the above-identified application shall be the same as the legal title to any patent issuing from Application Serial No. 10/068,012, this agreement to run with any patent granted on the above-identified application and to be binding upon the grantee, its successors or assigns.

Petitioner does not disclaim any terminal part of any patent granted on the above-identified application prior to the expiration date of the full statutory term as presently shortened by any terminal disclaimer of any patent issuing from Application Serial No. 10/068,012 in the event that it later: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321(a), has all claims canceled by a reexamination certificate, or is otherwise terminated prior to the expiration of its statutory term as presently shortened by any terminal disclaimer, except for the separation of legal title stated above.

The evidentiary documents accompanying this document or referred to above have been reviewed by the undersigned and it is certified that to the best of the assignee's knowledge and belief, title is in the assignee seeking to take action.

Check either box 1 or 2 below, as appropriate.

1.  For submissions on behalf of an organization (e.g., corporation, partnership, university, government agency, etc.), the undersigned is empowered to act on behalf of the organization.
2.  The undersigned is an attorney or agent of record.

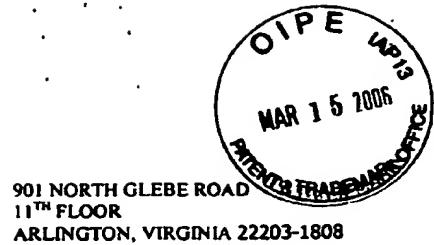
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Telefonaktiebolaget LM Ericsson (publ)

By: H. Warren Burnam, Jr.  
H. Warren Burnam, Jr.  
Reg. No. 29,366

Date: March 15, 2006

Terminal disclaimer fee under 37 C.F.R. § 1.20(d) included. If missing, the Commissioner is hereby authorized to charge any deficiency, or credit any overpayment, in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Account No. 14-1140. A duplicate copy of this sheet is attached.



901 NORTH GLEBE ROAD  
11<sup>TH</sup> FLOOR  
ARLINGTON, VIRGINIA 22203-1808

**Nixon & Vanderhye P.C.**

ATTORNEYS AT LAW

March 15, 2006

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WRITER'S DIRECT DIAL NUMBER:  
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Håkan Hallqvist  
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SE-581 12 LINKÖPING  
SWEDEN

**Subject:** U.S. Patent Application of HOGAN  
Serial No. 09/932,447  
**Title:** TRANSMISSION OF FILTERING/FILTERED  
INFORMATION OVER THE IUR INTERFACE  
**Your Ref.:** P15015US  
**Our Ref.:** 2380-464

Dear Håkan:

In accordance with your electronic mail message dated March 13, 2006, we prepared and (on March 15, 2006) filed the enclosed Terminal Disclaimer in the U.S. Patent Office. We believe this document is self-explanatory.

We will certainly keep you apprised of further developments concerning this application.

Very truly yours,  
**NIXON & VANDERHYE P.C.**

By: Warren Burnam Jr.  
H. Warren Burnam, Jr.

HWB:lsh  
Enclosure  
cc: Britt Bromér (w/enclosure)



DECEMBER 05, 2001

NIXON & VANDERHYE P.C.  
H. WARREN BURNAM, JR.  
1100 NORTH GLEBE ROAD  
8TH FLOOR  
ARLINGTON, VA 22201



Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
[www.uspto.gov](http://www.uspto.gov)



\*101866586A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/28/2001

REEL/FRAME: 012212/0991  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:  
HOGAN, WILLIAM D.

DOC DATE: 09/24/2001

ASSIGNEE:  
TELEFONAKTIEBOLAGET LM ERICSSON  
(PUBL)  
S-126 25  
STOCKHOLM, SWEDEN

SERIAL NUMBER: 09932447  
PATENT NUMBER:

FILING DATE: 08/20/2001  
ISSUE DATE:

LAZENA MARTIN, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



REC

10-05-2001



U.S. Department of Commerce  
Patent and Trademark Office

T

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PATENTS ONLY

Our Ref.: 2380-464

Commissioner of Patents and Trademarks  
Box Assignment, Washington, D.C. 20231

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

William D. HOGAN

9-28-01

2. Name and address of receiving party(ies):

Name: Telefonaktiebolaget LM Ericsson (publ)

Internal Address:

Street Address: S-126 25

City: Stockholm

State/Country: Sweden

Zip:

Additional name/s of conveying party/ies attached?

3. Nature of conveyance:

Assignment       Merger  
 Security Assignment       Change of Name  
 Other

Execution Date: 24 September 2001

Additional name/s & address/es attached?  Yes  No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No(s).

(1) 09/932,447  
(2)  
(3)

B. Patent No(s).

(1)  
(2)  
(3)

Additional numbers attached  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: H. Warren Burnam, Jr.

Internal Address: \_\_\_\_\_

Street Address: Nixon & Vanderhye P.C.  
1100 North Glebe Road  
8<sup>th</sup> Floor

City: Arlington State: VA Zip: 22201

6. Total number of applications & patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

Enclosed  
 Authorized to be charged to deposit account #14-1140

8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.

DO NOT USE THIS SPACE

9. Statements and signature.

I, the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

H. Warren Burnam, Jr.

Name of Person Signing  
Reg. No. 29,366



Signature

September 28, 2001

Date

Total number of pages including original cover sheet, attachments, and document: [3]

P15015US

2380-464

ASSIGNMENT

WHEREAS, William D. HOGAN (hereinafter ASSIGNOR) of 21 Glenard Crescent, Salthill Galway, Ireland, has invented a certain improvement in **TRANSMISSION OF FILTERING/FILTERED INFORMATION OVER THE IUR INTERFACE** for which a so-entitled application for Letters Patent of the United States was filed in the United States Patent and Trademark Office on August 20, 2001;

WHEREAS, Telefonaktiebolaget LM Ericsson (publ) (hereinafter ASSIGNEE), a corporation of the Country of Sweden, having an office and place of business at S-126 25, Stockholm, Sweden, is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the ASSIGNOR by these presents hereby sells, assigns, and transfers unto the ASSIGNEE, its successors, assigns, and legal representatives, the aforesaid application(s) and the full and exclusive right to the invention and improvements therein in the United States and all foreign countries, as described in the aforesaid application, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any Letters Patent or Patents claiming priority or resulting from the aforesaid application to ASSIGNEE, for its interest as ASSIGNEE, for the sole use and behoof of ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;

ASSIGNOR hereby agrees to assist in the preparation of and hereby assign a like interest to said ASSIGNEE, its successors, assigns, and legal representatives, without further remuneration, any continuation, divisional, reissue, or foreign application claiming priority from the aforesaid applications or otherwise growing out of or related to the invention; and to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives necessary to ASSIGNEE's full protection and title in and to the invention hereby transferred.

ASSIGNOR specifically agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

**Best Available Copy**

553027

AGREED and executed as noted below:

24/9/2001

Date

Witnessed by:

Anthony Rose

Name:

Bill Hogan  
William D. HOGAN

24/9/2001

Date:

**Best Available Copy**



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q69308

Hideya TAKEO, et al.

Appln. No.: 10/223,440

Group Art Unit: 2624

Confirmation No.: 7287

Examiner: Duy M. DANG

Filed: August 20, 2002

For: ANOMALOUS SHADOW DETECTION APPARATUS

SUBMISSION OF TERMINAL DISCLAIMER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith is a Terminal Disclaimer in the above-identified application. A check in the amount of \$130.00 is attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this Submission is attached.

Respectfully submitted,

  
Nataliya Dvorson  
Registration No. 56,616

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE  
23373  
CUSTOMER NUMBER

Date: July 19, 2006